

**PRAKASH**

Chemicals Agencies



# ILLUMINATION

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*Delivering Trust to the  
world of chemistry*



**96<sup>th</sup>**  
BIRTH  
*Anniversary*

**Hon'ble Founder**  
**Kumarbhai Shah**  
( 23rd Jan 1929 - 8th Feb 2004 )

**“Leadership is the capacity to  
transform vision into reality”**





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Acetic Acid is a versatile organic compound with a wide range of applications in various industries. It is a key component in food production, chemical manufacturing, and even in some pharmaceuticals. The two most commonly encountered grades of acetic acid are food grade and technical grade, each serving specific purposes depending on its intended use. Typically, the price of Acetic Acid Food grade is higher due to purification (high level of purity).

### Food-Grade Acetic Acid

**Definition:** Food-grade acetic acid is a highly purified form of Acetic Acid that meets strict safety and quality standards for human consumption. It typically has a concentration of about 99-100% Acetic Acid.

**Purity and Safety:** Food-grade Acetic Acid is manufactured to meet stringent regulations set by food safety authorities such as the U.S. Food and Drug Administration (FDA) and the European Food Safety Authority (EFSA). This ensures that it is free from impurities, contaminants, or any substances that could be harmful when consumed. It is generally considered safe when used in the proper amounts for food production and preservation.

**Market:** The demand for food-grade Acetic Acid is closely tied to the global food and beverage industry. It plays a central role in both large-scale commercial food production and small-scale food businesses. The expanding interest in healthy and natural food products has also contributed to the growth of the Vinegar market, fueling demand for food-grade Acetic Acid. Additionally, the trend towards clean label products and the increasing popularity of fermented foods are expected to support future growth.

### Technical-Grade Acetic Acid

**Definition:** Technical-grade acetic acid is a less pure form of Acetic Acid compared to its food-grade counterpart. It typically contains impurities and has a concentration of about 99% Acetic Acid, though it may include traces of other compounds that are not suitable for food consumption.

**Purity and Safety:** Although technical-grade Acetic Acid is not intended for human consumption, it is still a highly useful industrial chemical. It is important to note that Technical-grade Acetic Acid is produced to meet standards suitable for manufacturing processes and is not subject to the same food safety regulations as food-grade Acetic Acid. It may contain contaminants, solvents, and byproducts from the production process.

**Market:** The market for Technical-grade Acetic Acid is driven by its extensive use in the chemical, manufacturing, and industrial sectors. With a growing demand for Specialty Chemicals, Solvents, and Plastics, the market for Technical-grade Acetic Acid continues to expand. The rise of industries like Textiles and Automotive Manufacturing also contributes to the increasing consumption of this grade of Acetic Acid.

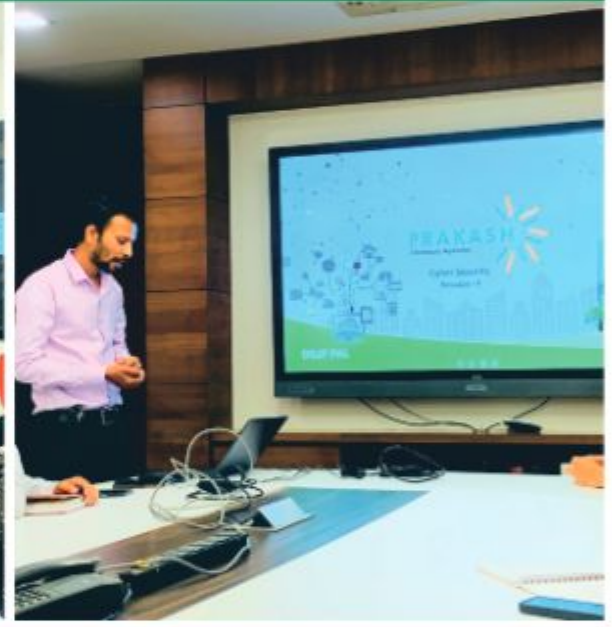
**Mr. Mayur Sant**  
Manager - Marketing  
*Editor for the Month*



**PCAPL Sports Day 2025 at Suncity Club & Resort Vadodara**



**Session on Cyber Security conducted by Sr. Executive - IT, Mr. Dilip Pal**



**Celebrating 76th Republic Day at PCAPL with state-wise traditional attire and an exciting quiz competition!**



**Mr. Mayur Sant**



**Mr. Ankit Soreng**



14 January - Makar Sankranti celebration with children of adopted anganwadi centres



Celebrated Poshan Utsav with Anganwadi workers and community members.



Celebrating the 76th Republic Day with children at our adopted Anganwadi



Nail art with Anganwadi workers and community members





- Surat-based Speciality Chemicals firm, Aether Industries Ltd., has informed that it has received approval from the Gujarat Pollution Control board (GPCB) to fully resume operations at its Manufacturing Facility II which was shut down following a fire incident in November 2023.
- Polyplex Corporation Ltd., based out of the National Capital Region (NCR) of Delhi, has announced that it has received board approval to set up a new BOPET (Biaxially Oriented Polyethylene Terephthalate) manufacturing Film Plant.
- Macsen Labs Group, a Rajasthan based manufacturer of active pharmaceutical ingredients (APIs), dyes, fine & Speciality Chemicals, has commenced construction of its new APIs manufacturing facility near its existing unit, Macsen Drugs, in Udaipur.
- The Central Government notified on 30th December, the revision in the import policy for soda ash to impose a Minimum Import Price of Rs. 20,108 per tonne.
- Modi Biotech Pvt. Ltd. (MBPL), a Wholly-owned Subsidiary of Modi Naturals Ltd., is investing in a new project, which will add a significant 180-klpd (kilolitres per day) of Ethanol capacity to its existing capacity of 130-klpd.
- BCL Industries Ltd. has unveiled ambitious plans for capacity enhancement in Ethanol and Bio-Diesel production.
- Surat-based speciality chemicals firm, Aether Industries Ltd. (AIL), has announced that the entire 15-MW solar power project, featuring auto-tracker modules has been fully commissioned as on December 30, 2024.
- The Ministry of Textiles, in collaboration with the Synthetic & Art Silk Mills' Research Association (SAS-MIRA) recently launched a 'Climate Smart Agro-Textile Demonstration Centre' in Navsari, Gujarat.
- Ace Green Recycling, Inc., a leading provider of sustainable battery recycling technology solutions, has announced it has finalized a lease agreement for a site to build India's largest battery recycling facility.
- The Health Ministry has granted micro, small and medium (MSME) pharma companies with a turnover of less than Rs. 250-crore an additional 12 months to implement the revised Good Manufacturing Practices under Schedule M of the Drugs and Cosmetics Act.
- Ahmedabad-based Super Crop Safe Ltd., a leading agrochemical and bio-technology company, has announced the launch of its new product, Super Gold WP+, a combination of inoculant mycorrhiza and other essential nutrients.
- The Confederation of Indian Industry (CII) has launched the second part of its Manufacturing Competitiveness Study, focusing on the transformative impact of smart technologies on India's manufacturing sector.
- Agri-Solutions Company, UPL Ltd., and CSIR-National Chemical Laboratory (CSIR-NCL), Pune, have been honoured at the Technology Conclave held during the CII Annual Summit on Technology, IP & Industry-Academia Partnership in New Delhi, for being leading innovators in their respective categories.
- Tata Chemicals North America has announced that its subsidiary, Tata Chemicals Soda Ash Partners LLC (TCSAP) has signed a letter of intent (LOI) with BWXT Advanced Technologies LLC (BWXT) to explore the deployment of up to eight Nuclear Microreactors.
- Tamil Nadu's V. O. Chidambaranar (VOC) Port has earmarked Rs. 41,860-crore worth of investments, aimed at making it the green hydrogen-ammonia hub of the country.

In a bustling city, two neighbors, Raj and Anil, lived in adjacent houses separated by a small fence. Over time, small misunderstandings turned into a bitter feud. Raj accused Anil of stealing fruits from his tree, while Anil believed Raj intentionally let leaves from his tree fall into his yard. They stopped speaking and only exchanged glares.

One day, a traveler came to the neighborhood looking for work. Seeing the fence, he asked Raj if he needed help. Raj, still angry, said, "Yes, build a taller fence so I never have to see my neighbour again!"

The traveler nodded but didn't say much. He worked all day, cutting wood and hammering nails. When Raj returned in the evening, he was stunned. Instead of a taller fence, the traveler had built a beautiful wooden bridge connecting the two yards.

Before Raj could react, Anil came out of his house. He, too, was surprised by the bridge. Anil hesitated for a moment, then walked across the bridge with a smile. "Raj, I think we've been foolish," he said. "Let's forget the past and start over."

Raj was moved by Anil's gesture and shook his hand. They decided to share the fruits from the tree and keep their yards clean together.

The traveler packed his tools to leave. Raj and Anil asked him to stay, but he smiled and said, "I have many more bridges to build."

### MORAL OF THE STORY

*"In relationships, building bridges of understanding is better than erecting walls of separation. Forgiveness and communication can heal even the deepest divides."*





Effective management is the cornerstone of organizational success. Sound decision making is a crucial skill for managers whether leading a small team or steering a large organization. They play a pivotal role in setting goals, motivating teams, and driving results. However, managerial skills are not natural and can be developed by continuous learning, high level of self-awareness, and practice. Trust keeps numerous benefits in the workplace.

Developing managerial skills requires a combination of self-awareness, education, and practical experience. Compassionate communication is essential for leading teams and resolving conflicts effectively. Building decision-making abilities is equally important to the success of an organization as well as the career progression of a professional. which involves analyzing data, considering alternatives, and making informed choices under pressure. Cultivating emotional intelligence helps in understanding and managing emotions—both your own and those of others—fostering better relationships within the team. Continuous learning through workshops, management courses, or mentorship programs can expand knowledge and provide new perspectives. Lastly, embracing feedback and reflecting on experiences allow managers to identify areas for improvement and refine their leadership approach over time.

Professionals in a managerial position should also be prepared to reallocate the task, in case the initial operation does not work out as planned. To overcome the situation they must take the points into consideration that they missed initially and work around them. Effective delegation ensures that the tasks are completed quickly and easily.

In conclusion, developing managerial skills is a dynamic process that requires dedication and adaptability. By focusing on critical areas such as effective communication, strategic thinking, and emotional intelligence, managers can enhance their ability to lead and inspire their teams. Moreover, fostering a growth mindset and staying receptive to feedback ensures continuous improvement. Strong managerial skills not only contribute to individual career growth but also drive organizational success, making the effort to develop them a worthwhile investment.





# PUZZLE YOUR MIND

Q1- Five cats can catch 5 mice in five minutes. Then how long it will take one cat to catch one mouse?

Q2- 334 = 31  
426 = 40  
535 = 47  
678 = ?

Q3- I have no hands but can knock, and when it does, You must open to new Possibilities. Who am I ?

Q4- Fill in the blanks  
8, 5, 4, 9, 1, 6, 7 \_\_\_ 3, 2

Q5- COVER = 27  
STINK = 28  
PLATE = ?



**Answer to  
the Puzzles of  
Dec 2024**

Q.1. 21

Q.2. 3

Q.3 No one is telling lye. The Professors are Mr. Robinson's Sisters.

Q.4. 2886

Q.5. INTERNET

**“Don't watch the Clock,  
Do what it does ....  
Keep going.”**

# Our Network



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